

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-16. (Cancelled)

17. (Amended) A powdered pharmaceutical composition comprising a serine protease inhibitor, a stabilizing carbohydrate, a surfactant and an antioxidant, The composition of claim 13, further comprising a buffer and wherein (a) the serine protease inhibitor is alpha I-antitrypsin (AAT), the carbohydrate is trehalose and the antioxidant is methionine; and(b) the AAT, trehalose, surfactant and methionine are present in amounts such that if the powder is solubilized in aqueous solution for administration to a patient (i) the AAT concentration is 10-50 mg/ml, (ii) the trehalose concentration is 10-50 mg/ml, (iii) the surfactant concentration is 0.01-0.5% (w/v), and (iv) the methionine concentration is 1-10 mM.

18. (Amended) A liquid pharmaceutical composition comprising a serine protease inhibitor, a stabilizing carbohydrate, a surfactant and an antioxidant, The composition of claim 15, further comprising a buffer and wherein(a) the serine protease inhibitor is alpha I-antitrypsin (AAT) and its concentration is 10-50 mg/ml;(b) the carbohydrate is trehalose and its concentration is 10-50 mg/ml;(c) the surfactant concentration is 0.01-0.5% (w/v); and(d) the antioxidant is methionine and its concentration is 1-10 mM.

19-28. (Cancelled)

29. (Amended) The composition of claim ~~13 or 15~~ 17 or 18, wherein the AAT is a recombinant AAT.

30. (Cancelled)

31. (Amended) The composition of claim ~~13 or 15~~ 17 or 18, wherein the AAT is glycosylated.

32. (Amended) The composition of claim ~~13 or 15~~ 17 or 18, wherein the AAT is unglycosylated.

33-71. (Canceled)

72.(New) The composition of claim 17 or 18 wherein the surfactant is Tween 80.

73. (New) The composition of claim 17, wherein the aqueous solution comprises 50mg/ml AAT, 25mg/ml trehalose, 0.02% Tween 80, 5mM methionine and 10mM sodium phosphate buffer pH 7.4.

74. (New) The composition of claim 18, which comprises 50mg/ml AAT, 25mg/ml trehalose, 0.02% Tween 80, 5mM methionine and 10mM sodium phosphate buffer pH 7.4.